Armytek Predator

The most technically advanced flashlights in the world.

USER MANUAL

Born to exceed.

Thank you for choosing the products of Armytek Optoelectronics Inc., Canada.
Please read this manual carefully before using the flashlight.

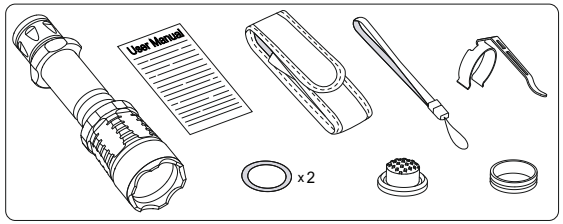
Specifications

Armytek Optoloelectronics Inc. is a Canadian manufacturer that produces powerful and reliable flashlights designed especially for your needs applying in them components made in USA and Japan. 10 years no-hassle warranty.

- Incredibly bright and far-throwing light up to 400m: the highest beam distance among flashlights of its size
- Tried & True durability — stands up a fall from the 10th floor and direct shot with Magnum shellsat the flashlight
- Distinct hotspot and minimal spill for directed aim illumination
- Compatibility with original accessories for underbarrel application
- Easy operation and 4 perfectly selected modes for multi-purpose use
- Effective electronics protection enables to stand the recoil of any hunting weapon
- Record runtimes in all brightness modes — from 3 to 155 hours

Model	**Predator**	**Predator Warm**	**Predator Green**
LED	Cree XP-G2	Cree XP-G2 (Warm)	Cree XP-E2 (Green)
Brightness stabilization type	STEP stabilization (stepwise brightness)		
Light output, LED lumen	670	640	270
Hotspot / Spill	5 / 40 degrees	5 / 40 degrees	5 / 40 degrees
Beam distance	437 yard / 400 meters	383 yard / 350 meters	273 yard/250 meters
Hotspot diameter at 330 feet /100 meters	26 feet/8 meters	26 feet / 8 meters	26 feet/8 meters
Modes and Runtimes (measured for Panasonic 18650 Li-Ion NCR 3100mAh battery to the decrease to 10% of initial brightness)	670 lm/ 2h 50min 200 lm / 7h 70 lm / 20h 6 lm / 155h	640 lm/ 2h 50min 190 lm / 7h 67 lm / 20h 6 lm / 155h	270 lm/ 4h 190 lm / 5h 50 lm / 17h 6 lm / 120h
Recommended power source	1x18650 Li-Ion / 2xR123A Li-Ion / 2xCR123A		
Size	Length 6.1"/155mm, head diameter 1.56"/39.5mm, body diameter 1"/25.4mm		
Weight (without batteries)	5.82oz /165g		

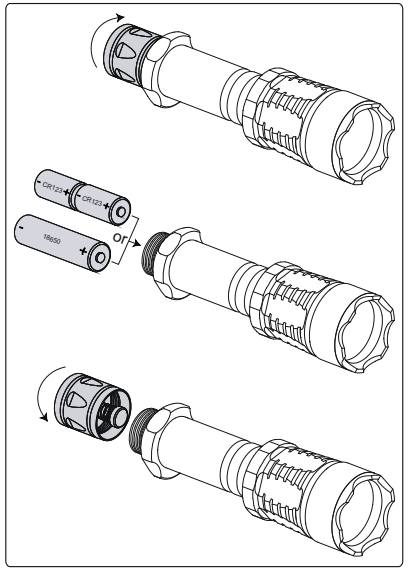
Set description



Items included in the package:

- Flashlight
- Holster
- Lanyard
- 2 spare O-rings
- Spare rubber button
- Clip
- Rubber grip (is put on flashlight)
- Rubber ring to substitute the grip
- User manual

1. The flashlight and package can inconsiderably differ from the pictures in the manual.
2. The producer reserves the right to change the package at his own discretion without modifying this manual.



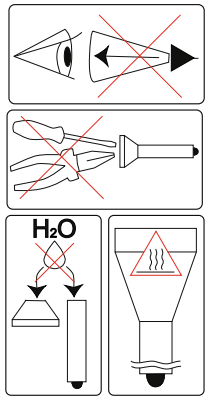
Initial Service

To set/replace batteries:

1. Unscrew the tailcap.
2. Place the batteries with the positive contact (+) facing the head of the flashlight.
3. Adjust the tailcap and tighten it as far as it can go.

We recommend NOT to leave power sources inside the flashlight for a long storage period, as batteries (especially, non-rechargeable) can leak for various reasons and damage the inner parts of the flashlight. If you want to keep your flashlight in a stand-by state with batteries in, use new and quality batteries, store the flashlight in acceptable for batteries operational temperature and revise the batteries' state at least once a month. If you have noticed any signs of batteries' defects, withdraw them from the flashlight and take out of operation. It is also recommended to replace discharged batteries with new ones before the storage as the chance of leakage is higher with discharged batteries.

Warnings



1. Always follow the instructions from this manual and recommendations on battery usage.
2. Apply only the recommended power sources.
3. Do not reverse battery polarity.
4. Do not use different power sources together, including old ones with new ones, charged with discharged. Do not use different types of batteries combined as the element with less capacity can be damaged.
5. Do not modify or recast the flashlight and its components as it will deprive you of the warranty.
6. Do not allow water or any other liquid to leak into the flashlight.
7. Do not aim a turned on flashlight at people's or animals' eyes – it can cause temporary blindness.
8. Be careful during the long-time flashlight operation as some parts of the body may heat up.
9. Do not allow children to use the flashlight without your assistance.

Armytek Optoelectronics Inc., Canada shall not be liable for any harm done to the user if it was caused by improper use of the product.

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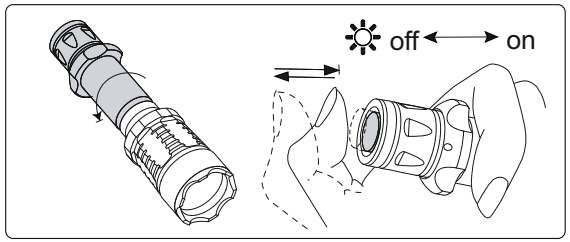
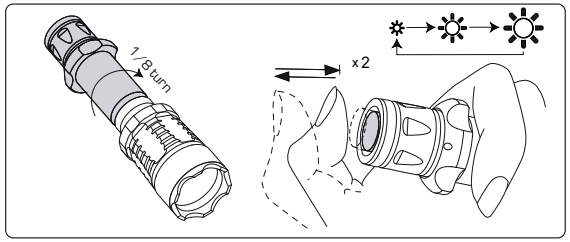
Operation

Armytek Predator flashlights have several operational modes:

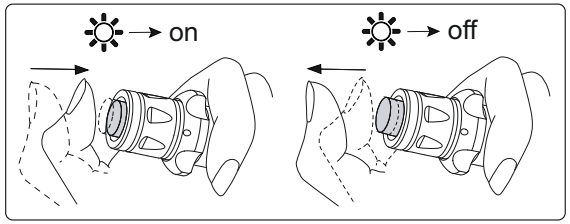
- Main — permanently switched light at High brightness (full pressing of the button with the head of the flashlight tightened). It's an easy and comfortable operational mode for Hunters, especially when the flashlight is used with remote switch.
- Additional — permanent switched light at Middle, Low and Lower Low brightness at user's choice (full pressing of the button with the head of the flashlight loosen).
- Tactical — High, Middle, Low and Lower Low brightness switched by half-pressing of the button and active till the button is released. Suitable for giving signals by short button pressings.



Main Mode



Additional Mode



Tactical Mode

Main Mode Operation:

1. Tighten the head of the flashlight if it is loosened.
2. First full pressing of the button (to the click) turns the light on.
3. Second full pressing turns it off.

Additional Mode Operation:

1. If the head of the flashlight is tightened, loosen it for 1/8 of a circle.
2. First full pressing of the button (to the click) turns the light on at Lower Low brightness.
3. To switch the brightness level turn the flashlight on and off by full pressing.
4. The brightness levels switch cyclically: Lower Low — Low — Middle.

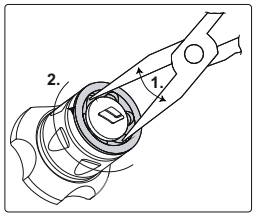
Tactical Mode Operation:

1. For tactical activation use half-pressing of the button (no click!).
2. To access the High brightness level the head of the flashlight must be tightened, to access other levels it must be loosened.
3. The light remains on while you half press the button.

Care and Storage

In case the rubber button is damaged, it should be replaced.
Replacement order:

1. Unscrew the tailcap.
2. Unscrew the thread ring gage, which holds the rubber button in the cap. To do so you should use needle-nose pliers (round-nose pliers or another tool: most suitable will be expansion pliers). Use the tool as it is shown at the picture.



! Do not disassemble the flashlight except for unscrewing the thread ring gage and replacing the rubber button. There are no other parts in the flashlight that can be replaced by the user.

It is recommended to clean the threads and O-ring off dirt and old grease. Remember that secure protection from water and dust cannot be provided by worn out sealing and fouling as well as lack of lubricant cause fast wear-out of threads and sealing rings.
To clean the thread do the following:

1. Unscrew the tailcap and remove the sealing ring carefully with a toothpick (do not use sharp metal things as it can damage the ring).
2. Wipe the sealing ring thoroughly with a soft cloth (or tissue). Do not use solvents. If the sealing ring is worn out or damaged replace it by a new one.
3. Clean the metal threads with a brush using ethanol. Be careful not to allow applied liquid to get inside the flashlight or tailcap as it can cause fails in functionality of the flashlight.

After cleaning lubricate the thread and the sealing ring with polyalphaolefin-based silica grease, e.g. Nyogel 760G. The application of automotive and other improper grease can cause swelling and damage of the sealing rings.
In case of active operation and application in dusty environments it is recommended to perform cleaning and lubricating of the parts as often as required, even if it is more than twice a year.

Service and Warranty

Armytek provides free warranty repair for 10 years from the purchase.

Warranty doesn't cover damage caused by:

1. Improper usage.
2. Attempts to modify or repair the flashlight by nonqualified specialists.
3. Longtime application in chlorinated or polluted water, or other liquids (other than water).
4. High temperatures and chemicals' exposure, including the liquid from defected batteries.
5. Usage of low-quality batteries.

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Specifications are subject to change without notice.

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